

WHAT IS CLAIMED IS:

1. An insulated beverage container stock material comprising:
a paper stock layer; and
a foam layer disposed along an interior surface of the paper stock layer.
2. The insulated beverage container stock material according to claim 1,
further comprising a polyethylene film layer sandwiched between said paper stock
layer and said polyethylene foam layer.
3. The insulated beverage container stock material according to claim 1,
wherein said paper stock material has a thickness greater than or equal to 10 mils and
less than or equal to 26 mils.
4. The insulated beverage container stock material according to claim 1,
wherein said foam layer is laminated or extruded foam formed from high density
polyethylene, low density polyethylene, linear low density polyethylene, or oriented
polypropylene.
5. The insulated beverage container stock material according to claim 1,
further comprising a polyethylene film layer, said polyethylene film layer
sandwiching said foam layer between said paper stock layer and said polyethylene
film layer.

6. The insulated beverage container stock material according to claim 4, wherein said foam layer is adhered to said paper stock layer by melt extrusion, lamination or foam extrusion.

7. The insulated beverage container stock material according to claim 2, further comprising an insulating coating sandwiched between said foam layer and said paper stock layer.

8. An insulated beverage container comprising:
a container wall having a side portion;
a bottom portion engaging said container wall along a lower side portion;
a paper stock layer arranged along an exterior surface of said container wall;
a thin polyethylene film layer; and
a foam layer arranged along an interior surface of the container wall, said foam layer sandwiched between said polyethylene film layer and said paper stock layer.

9. The insulated beverage container according to claim 8, wherein said foam layer is laminated, melted or extruded foam formed from high density polyethylene, low density polyethylene, linear low density polyethylene, or oriented polypropylene.

10. The insulated beverage container stock according to claim 8, further comprising an insulating coating sandwiched between said foam layer and said paper stock layer.

11. A method of producing an insulated beverage container, comprising the steps of:

providing a paper cupstock having a container wall for surrounding a beverage containing space, a bottom portion, and a paper stock layer arranged along an exterior surface of said container wall;

foaming a polymer into a foam layer by mixing a blowing agent into the polymer prior to foaming; and

adhering the foam layer to the paper cupstock.

12. The method of producing an insulated beverage container according to claim 11, wherein said foam layer is formed on an inside surface of said paperstock, said method further comprising the step of :

applying a polyethylene film layer in a position interposed between said foam layer and said paper stock layer.

13. The method of producing an insulated beverage container according to claim 11, further comprising the step of :

applying a thermal insulating coating in a position interposed between said foam layer and said paper stock layer.

14. The method of producing an insulated beverage container according to claim 11, wherein said foam layer is formed on an inside surface of said paperstock, said method further comprising the step of :

applying a polyethylene film layer in a position sandwiching said foam layer between said film layer and said paper stock layer.

15. The method of producing an insulated beverage container according to claim 11, wherein said foam layer is laminated, melted or extruded foam formed from high density polyethylene, low density polyethylene, linear low density polyethylene, or oriented polypropylene.

16. The method of producing an insulated beverage container according to claim 14, wherein said film layer is laminated, melted or extruded foam formed from high density polyethylene, low density polyethylene, linear low density polyethylene, or oriented polypropylene.

17. An insulated beverage container sleeve comprising:

a paper stock layer; and

a foam layer disposed along an interior surface of the paper stock layer.

18. The insulated beverage container sleeve according to claim 17, further comprising a polyethylene film layer sandwiched between said paper stock layer and said polyethylene foam layer.

19. The insulated beverage container sleeve according to claim 17, wherein said paper stock material has a thickness greater than or equal to 2 mils and less than or equal to 10 mils.

20. The insulated beverage container sleeve according to claim 17, wherein said foam layer is laminated or extruded foam formed from high density polyethylene, low density polyethylene, linear low density polyethylene, or oriented polypropylene.

21. The insulated beverage container sleeve according to claim 20, wherein said foam layer is adhered to said paper stock layer by melt extrusion, lamination or foam extrusion.

22. The insulated beverage container sleeve according to claim 21, further comprising:

an intermediate layer sandwiched between said foam layer and said paper stock layer; and

a printing layer, said printing layer forming a first exterior surface of said beverage container sleeve and said foam layer forming a second exterior surface of said beverage container sleeve, wherein said printing layer is made from a material having high quality graphics printability or having a textured surface.